

WHAT IS CLAIMED IS:

1. An antenna, an antenna sheet material folded up to form an antenna,
the antenna sheet material comprising a radiating plate, a feeding plate, and a
ground plate;

5 wherein the radiating plate, the feeding plate, and the ground plate are
manufactured to a unity, and the feeding plate and the ground plate extend in
the same direction.

2. The method according to claim 1, wherein the length of the radiating
plate is approximate quarter wavelength corresponding to the operating
10 frequency of the antenna.

3. An antenna, an antenna sheet material folded up to form an antenna,
the antenna sheet material comprising:

a radiating plate,

a feeding plate, and

15 a ground plate;

wherein the longer side of the feeding plate is parallel to the longer side
of the ground plate.

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